PATENT/OFFICIAL

Docket No.: 112958.120US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Harry HOLTHÖFER

Serial No. Not yet assigned

U.S. National Phase of International Application Number PCT/F100/00540

Filed:

December 14, 2001

Examiner:

Group Art Unit:

Not yet assigned

Not yet assigned

USE OF SOLUBLE PROTEIN MOLECULES EXPRESSED BY THE For: PANCREAS AND KIDNEY GLOMERULUS

## INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Copies of the documents listed on sheets 1 and 2 of Form PTO-1449, which were cited in the prosecution of the corresponding PCT patent application, are enclosed. Further submitted herewith for consideration by the Examiner is a copy of a nucleotide sequence comparison provided by the PCT Examining Authority which

10/018094 ec'd PCT/PTC 14 DEC 2001

includes the cited Kawachi et al. reference.

In accordance with 37 C.F.R. §§ 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search had been made or that information cited is, or is considered to be, material to patentability as defined in 37 C.F.R.§ 1.56 (b), or that any cited document listed or attached is, or constitutes, prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item, and Applicant reserves the right to prove that the date of publication is in fact different.

Applicants believe no fee is due at this time as this Statement is being filed with the above-referenced application. However, the Commissioner is authorized to charge any deficiency in any fees pursuant to 37 CFR § 1.17 associated with this communication and to credit any excess payment to Deposit Account No. 08-0219.

Respectfully submitted,

Jason J. Schwartz

Registration No. 43,910

HALE AND DORR LLP 1455 Pennsylvania Avenue, NW Washington, DC 20004

TEL 202.942.8490

FAX 202.942.8484

Date: December 14, 2001

Please type a plus sign (+) inside this box



ec'd PCT/PTO/SB/08A4(0

Approved sthrough 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	ork Reduction Act of 19 ute for form 1449A/PTC		o persons are required to res	cond to a collection of information unless it contains a valid OMB control number.  Complete if Known			
				Application Number			
INF	ORMATION	DIS	CLOSURE	Filing Date	December 14, 2001		
STA	TEMENT BY	Y A	PPLICANT	First Named Inventor	Harry HOLTHOFER		
				Group Art Unit			
	(use as many shee	ts as	necessary)	Examiner Name			
Sheet	1	of	2	Attorney Docket Number	112958.120US1		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	U.S. Patent Document  Number Kind Code² (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
i							
					4		
	-					<u> </u>	
			<del></del>	· 12-3001	<del>                                     </del>	**	
			<del></del>				
			<del>-    </del>				
			<del></del>			<del></del>	
					<del></del>		
					-	<del></del>	
				·-			
Î							
						-	
		,			1		
					<del>                                     </del>		
		<del></del>	<del>-   -  </del> -				
			<del></del>		<del>                                     </del>		

					FOF	REIGN PATENT DOCUMENT	S		
Examiner Initials*	Cite No.1				Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т6
iiillais	140.				(if known)		MM-DD-YYYY		+
	A1	WO	wo	99/47562		BIOSTRATUM, INC.	09-23-1999		
		$\vdash$					·		1
$\vdash$		<del> </del>					1		1
<b></b>		├──				-	<b></b>	<del></del>	1
		<b>├</b> ─				<u> </u>	+		+-
		ļ							
		<u> </u>							—
									_
								<u></u>	
						1			

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

10/018094

Please type a plus sign (+) inside this box - Approved is ase through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substit	ute for form 1449B/PTC	)		Complete if Known		
				Application Number		
INF	ORMATION	D	ISCLOSURE	Filing Date	December 14, 2001	
STA	TEMENT P	łΥ	APPLICANT	First Named Inventor	Harry HOLTHOFER	
017	41 E WIE 141 E	•	AI I LIOAITI	Group Art Unit		
	(use as many s	heet	s as necessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	112958.120US1	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		KESTILA, Marjo et al (1998) "Positionally Cloned Gene for a Novel Glomerular ProteinNephrinls Mutated in Congenital Nephrotic Syndrome," Mol. Cell 1:575-582.	
		AHOLA, Heikki et al. (1999) "Cloning and Expression of the Rat Nephrin Homolog," American Journal of Pathology 155(3): 907-913.	
		TOPHAM, Peter S. et al. (1999) "Nephritogenic mAb 5-1-6 Is directed at the extracellular domain of rat nephrin," The Journal of Clinical Investigation 104(11):1559-1566.	
		HOLZMAN, Lawrence B. et al. (1999) "Nephrin localizes to the slit pore of the glomerular epithelial cell" Kidney International 56:1481-1491.	
		Kawachi H. et al. "Cloning of rat nephrin and its expression and localization in proteinuric states" EMBL/GenBank/DDBJ databases, Emrod accession no. Af161715, Dec. 12, 1999.	
		·	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.	Draw line through citation if not in conformance and no
considered. Include copy of this form with next communication to applicant.	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date

Considered



Examiner Signature

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.